

Claims

1. Mixer tap with a vertically movable spout (2) and an adjusting means (4),
characterised in that the spout (2) can be moved upwards and downwards by
5 means of a piston rod of a hydraulic cylinder (6).
2. Mixer tap according to claim 1, **characterised in that** the water supply to the
spout (2) is not opened until the piston rod is in its uppermost position.
- 10 3. Mixer tap according to claim 1 or 2, **characterised in that** the upward and
downward movements of the piston rod are controlled by the pressure from the wa-
ter supply.
4. Mixer tap according to one of the preceding claims, **characterised in that** the
15 downward movement of the piston rod is activated by depressing the end of the
spout (2) and releasing a snap lock (18).
5. Mixer tap according to one of the claims 1-3, **characterised in that** the down-
ward movement of the piston rod is activated by depressing and keeping the adjust-
20 ing means (4') down until the spout (2) has adopted its lowered position.
6. Mixer tap according to claim 5 or 2, **characterised in that** the upward and
downward movement of the spout (2) is activated alternately by momentarily de-
pressing adjusting means (4').
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7. Mixer tap according to claim 1, **characterised in that** a toothed rack (28) is in-
serted between the piston rod of the hydraulic cylinder (27) and the spout (22), said
toothed rack meshing with a gear wheel (29) connected with a second wheel, pref-
erably a gear wheel, driving a belt (30), preferably a toothed belt, connected to the
30 spout (22).

8. Mixer tap according to claim 7, **characterised in that** the toothed belt (30) communicates with the spout (22) via a slide (31) which may slide along a track (33).
- 5 9. Mixer tap according to claim 7 or 8, **characterised in that** the associated hydraulic control circuit is adapted such that water is not turned on until the spout (22) is in its uppermost position.
- 10 10. Mixer tap according to claim 9, **characterised in that** a slide valve (36) activated by the piston rod is provided to detect when the spout (22) is in its uppermost position.